

ABSTRACT

An electronically controlled mechanical timepiece, which is an electronic apparatus, includes a generator driven by a mainspring to generate electrical energy, and a rotation controlling unit driven by the electrical energy to control the rotation rate of the generator. The rotation controlling unit includes a brake controlling unit that compares a rotation detection signal indicative of the rotation rate of the generator with a reference signal to control braking on the generator, and a generator halting unit that applies a brake and halts the generator if the braking amount applied to the generator in a predetermined time is smaller than, or equal to, a first predetermined braking value. Because the generator is halted if a predetermined amount of cumulative brake applications are applied within the predetermined time, the generator is not halted in response to temporary disturbances while it is assuredly halted when the rotation becomes slow.